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United States Patent [19]**Hetzenegger et al.**[11] **Patent Number:** **5,472,494**[45] **Date of Patent:** **Dec. 5, 1995**[54] **PIGMENT PREPARATION WITH PERYLENE DERIVATIVES AS DISPERSANTS**[75] Inventors: **Josef Hetzenegger**, Frankenthal; **Georg Henning**, Ludwigshafen; **Peter Erk**, Frankenthal, all of Germany[73] Assignee: **BASF Aktiengesellschaft**, Ludwigshafen, Germany[21] Appl. No.: **266,383**[22] Filed: **Jun. 27, 1994**[30] **Foreign Application Priority Data**

Jul. 28, 1993 [DE] Germany 43 25 247.8

[51] Int. Cl.⁶ **C08K 5/3437**[52] U.S. Cl. **106/493; 106/494; 106/498; 106/499**

[58] Field of Search 106/493, 494, 106/498, 499

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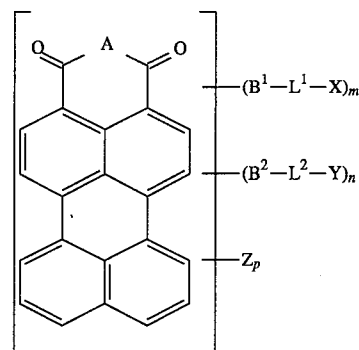
Reactions of Perylenecarboxylic Acid Derivatives. VI. Sulfonation of 3,4-Perylenedicarboximide" [No month].

Primary Examiner—Mark L. Bell*Assistant Examiner*—Scott L. Hertzog*Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt[57] **ABSTRACT**

Pigment preparations contain

(a) at least one organic pigment;

(b) at least one perylene derivative of the general formula I



where

A is —O—, —CH₂— or —NR¹—;B¹ and B² are independently of each other a chemical bond, —O—, —CH₂—, —NR²—, —S—, —CO—, —SO₂— or —SO₂—NH—;L¹ and L² are independently of each other a chemical bond, phenylene or C₁–C₈-alkylene;X is —SO₃[⊖]Ka[⊕];Y is —CO₂Ka[⊕];

Z is chlorine or bromine;

m is from 0 to 4;

n is 0 or 1 and (m+n) is from 1 to 4; and

p is from 0 to 4;

as dispersant;

(c) if desired further customary pigment preparation additives.

9 Claims, No Drawings